

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/020573

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L23/544 G01R31/28 H01L21/66

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 323 097 B1 (WU SHIEN-YANG ET AL) 27 November 2001 (2001-11-27) column 4, line 13 - column 5, line 42 column 7, line 5 - line 55; figures 3,6	1-4, 8-25
A	US 2001/049881 A1 (LOOK KEVIN T ET AL) 13 December 2001 (2001-12-13) paragraph '0029! - paragraph '0040!; figure 1	1-25
A	US 5 861 679 A (NAGANO ET AL) 19 January 1999 (1999-01-19) column 4, line 45 - column 7, line 20; figure 5	1-25

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

9 May 2005

Date of mailing of the international search report

17/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Stirn, J-P

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6323097	B1	27-11-2001	NONE	
US 2001049881	A1	13-12-2001	US 6305095 B1	23-10-2001
			US 2003049872 A1	13-03-2003
			US 6563320 B1	13-05-2003
US 5861679	A	19-01-1999	JP 3552077 B2	11-08-2004
			JP 10050703 A	20-02-1998